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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/863,583	05/16/2001	Ikuya Morikawa	FUJA 18.671	9888
26304 7590 01/05/2007 KATTEN MUCHIN ROSENMAN LLP 575 MADISON AVENUE NEW YORK, NY 10022-2585			EXAMINER TRUONG, THANHNGA B	
			ART UNIT 2135	PAPER NUMBER
			MAIL DATE 01/05/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.



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09/863583      05/16/2001      Ikuya Morikawa      FUJA 18.671

EXAMINER
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Thanhnga B. Truong

ART UNIT	PAPER
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2135      122706

DATE MAILED:

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Commissioner for Patents

1. Per applicant's request, the supplemental examiner's amendment is attached herein with some minor typo graphical error corrections.
2. The information disclosure statement (IDS) filed on November 17, 2006. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Thanhnga B. Truong

Thanhnga (Tanya) B. Truong TBT  
AU 2135

### **DETAILED ACTION**

1. Applicant's amendment filed on August 21, 2006 has been entered. Claims 1, 4-6, 8-17, and 19-28 are pending. Claims 2-3, 7, and 18 are cancelled by the applicant.

#### ***Supplemental Examiner's Amendment***

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Dexter T. Chang on September 27, 2006. The applicant agreed to amend claim 4 to clarify the function of the steps recite in the body of claim 4.

#### **CLAIMS:**

3. Please amend claim 4 as follows:

A method of distributed group management for indirectly authenticating membership of a user in a group in order to manage security for a client on a client side and a server for executing the remote processing request from the client side under a predetermined authorization assigned for every group, comprising the steps of:

processing information of original group information including the name of the group to which the related user belongs by a cryptographic function when there is said remote processing request on the client side and issuing a group certificate obtained by adding an issuance side processed value obtained by encrypting the information of the original group information by the cryptographic function to the original group information, and including first secret information assigned to said groups in said original group information and performing the processing by said cryptographic function, said first secret information being held only by a group certificate issuing apparatus,

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processing the information of the received group certificate by an identical cryptographic function to obtain a verification side processed value on a server side, and including second secret information assigned to the groups in part of information included in said received group certificates and performing the processing by said cryptographic function, said second secret information being held only by a group certificate verification unit, said first secret information and said second secret information being identical secret information for identical groups, and

comparing said verification side processed value and received issuance side processed value on the server side and confirming that they coincide, thereby to perform said authentication, and verify the legitimacy of said group certificate transmitted from the client side in said server, wherein

said cryptographic function is a hash function.

***Response to Argument***

4. Applicant's arguments filed August 21, 2006 have been fully considered and are persuasive.

***Allowable Subject Matter***

5. Claims 1, 4-6, 8-17, and 19-28 are allowed.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanhnga (Tanya) Truong whose telephone number is 571-272-3858.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on 571-272-3859. The central fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2100.

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*Chanhaya B. Tng*  
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TBT

December 27, 2006